

Listing of the Claims:

1. (Currently amended) An electric motor unit of a motor vehicle comprising: a brush holder plate assembly having a brass insert and a radiator, and an electronic card positioned adjacent the radiator characterized by wherein the plate having assembly includes a plastic over-molding molded to portions of the brass insert; and that surrounds the brass insert and wherein an outer peripheral edge of the over-molding extends perpendicularly from a surface of the over-molding to surround at least a portion of the radiator.
2. (Currently amended) The motor unit according to claim 1, characterized by the over-molding having further comprising a partition which, on the plate, separates in a watertight manner, separating an area of the over-molding designed to receive an the electronic card from a zone of the over-molding designed to receive wiper blade a brush.
3. (Currently amended) The motor unit according to claim 2, characterized by further comprising:
a lid designed to close the area that is delimited by the outer peripheral edge of the over-molding and the partition and which receives the electronic card, the edge of the over-molding defining a watertight plane for the lid.
4. (Canceled).
5. (Currently amended) The motor unit according to claim 1, characterized by wherein the brass insert being directly is soldered to the printed circuit card and to the power components.
6. (Currently amended) The motor unit according to claim 2, characterized by wherein the over-molding having includes recesses designed to receive the electronic card, the card and components of the electronic card, and the components of the plate.

7. (Currently amended) The motor unit according to claim 1, characterized by the over-molding having further comprising:

elastic attachment flaps designed to work extending from the over-molding, the flaps operable to couple with complimentary forms in the a housing of the motor unit.

8. (Currently amended) The motor unit according to claim 7, characterized by wherein the elastic flaps and the complimentary forms being are spaced to limit the relative position of the plate assembly and the case housing.

9. (Currently amended) The motor unit according to claim 1, characterized by wherein the over-molding having the means for the includes a passage of for wires designed to power the brass insert.

10. (Currently amended) The motor unit according to claim 9, characterized by the over-molding having means for allowing implantation of further comprising a connector operable to receive a connecting module designed to supply power the brass insert and the electronic card and allowing the connection towards the exterior by a connector with a complimentary form.

11. (Previously presented) The motor unit of claim 1 wherein the motor unit is for a motorized fan group used in at least one of a heater and a fan and an air conditioning unit of a motor vehicle.

12. (New) The motor unit according to claim 1 wherein the over-molding has at least one recess designed to receive a brush.

13. (New) The motor unit of claim 2 wherein the partition allows circulation of air between the area and the zone and prevents moisture from entering the area from the zone.

14. (New) The motor unit of claim 3 wherein the partition allows circulation of air between the area and the zone and prevents moisture from entering the area from the zone.

15. (New) The motor unit according to claim 3, further comprising:
a gasket fixedly mounted between the lid and facing surfaces of the over-molding and the partition.

16. (New) The motor unit according to claim 3 wherein the lid comprises a first metallic hood facing the over-molding and the electronic card and second plastic hood enclosing the metallic-plated hood.

17. (New) The motor unit according to claim 16, further comprising:
an end plate enclosing the zone of the over-molding designed to receive the brush.

18. (New) The motor unit according to claim 17 wherein the end plate includes a plurality of holes extending therethrough.